PAMS Technical Documentation
NPM–9 Series Transceivers

Product Variants

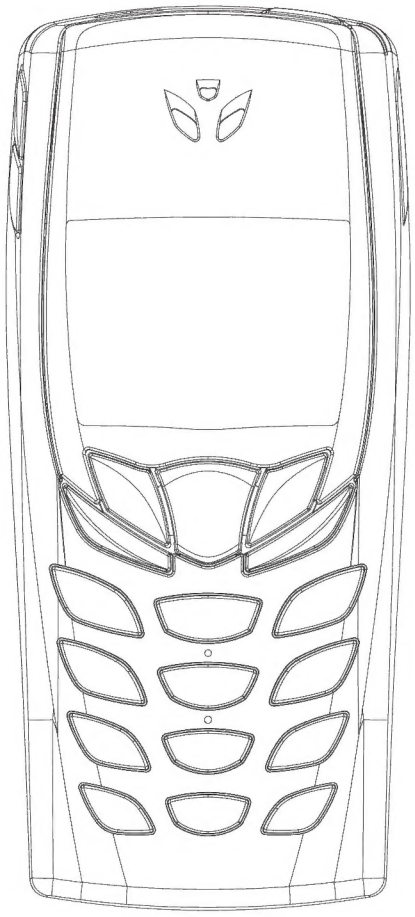
Issue 1 02/2002
© Nokia Corporation

CONTENTS

Transcriber NPM–9 3
Modules 4
Exploded View of Transceiver NPM–9 5
Assembly Parts of NPM–9 6

© Nokia Corporation

Transceiver NPM–9



The NPM–9 is a dual band transceiver unit designed for the GSM900 (including EGSM) and GSM1800 networks. It is both GSM900 phase 2 power class 4 transceiver (2W) and GSM1800 power class 1 (1W) transceiver.

Transceiver main HW parts / features are:

- GPRS
- Integrated FM radio
- Full graphic display
- Jack style UI with two soft keys
- Integrated IR link & internal data
- Internal vibra
- Plug & play HF support
- Plug–in SIM card below the back cover of the phone
- Back mounted antenna (no connection for external antenna)

NOTE: **The Service Manual is intended for use by qualified service personnel only.**

© Nokia Corporation

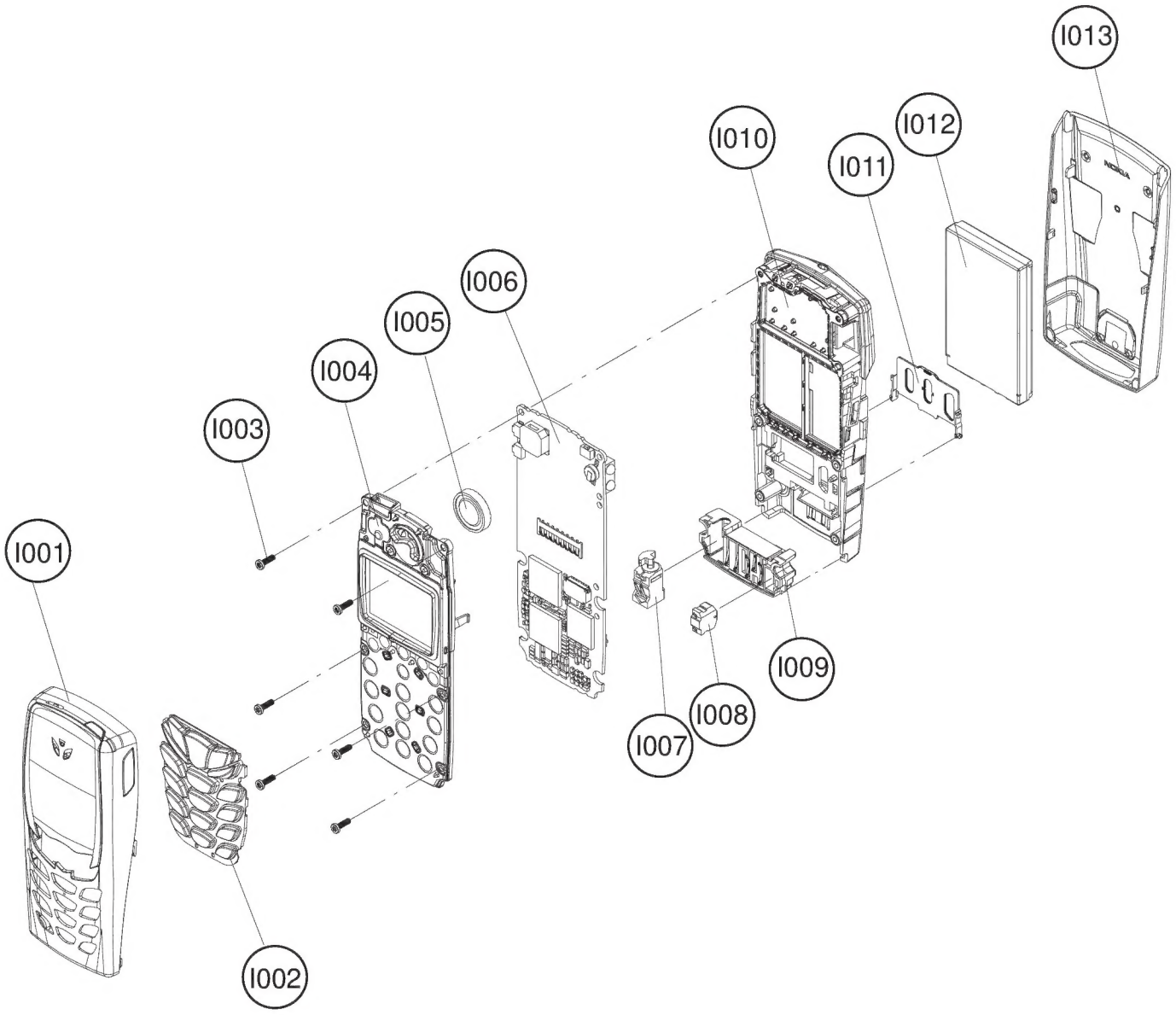
Modules

NPM–9 Basic Transceiver EUR	0507073
• system module LA5	0201815
• LU9 UI module EUROPE	0201868
• NPM–9 assembly parts	0262659
• SW module	0242619
NPM–9 Basic Transceiver TMC	0506143
• system module LA5	0201886
• LU9 UI module APAC	0201817
• NPM–9 assembly parts	0262659
• SW module	0242619
NPM–9 Basic Transceiver BNMT	0507343
• system module LA5	0201887
• LU9 UI module APAC	0201817
• NPM–9 assembly parts	0262659
• SW module	0242619
B–COVER ASSY	9458255
A–cover assy dark blue APAC	9458329
A–cover assy greyish green APAC	9458332
A–cover assy beige EUROPE	9458252
Battery cover assy dark blue APAC	9458324
Battery cover assy greyish green APAC	9458327
Battery cover assy beige EUROPE	9458254

9794080	Keymat Arabic / Light DMC04720–EN
9794078	Keymat Bopomofo / Dark DMC04718–EN
9794077	Keymat Bopomofo / Light DMC04717–EN
9794081	Keymat Cyrillic_Russian / Light DMC04721–EN
9794092	Keymat Cyrillic_Greek / Light DMC04842–EN
9794079	Keymat Hebrew / Light DMC04719–EN
9794066	Keymat Latin / Dark DMC04522–EN
9794062	Keymat Latin / Light DMC04442–EN
9794068	Keymat Stroke / Dark DMC04524–EN
9794067	Keymat Stroke / Light DMC04523–EN
9794076	Keymat Thai / Dark DMC04716–EN
9794073	Keymat Thai / Light DMC04715–EN

© Nokia Corporation

Exploded View of Transceiver NPM–9



© Nokia Corporation

Assembly Parts of NPM–9

CIRCUIT REF./ ITEM	Q'TY	CODE	DESCRIPTION	VALUE, TYPE
I001		9458329	A–COVER.ASSY NPM–9 Dark Blue APAC	
		9458332	A–COVER.ASSY NPM–9 Greyish Green APAC	
		9458252	A–COVER.ASSY NPM–9 Beige EUROPE	
I002		9794080	Keymat Arabic / Light DMC04720–EN	
		9794078	Keymat Bopomofo / Dark DMC04718–EN	
		9794077	Keymat Bopomofo / Light DMC04717–EN	
		9794081	Keymat Cyrillic_Russian / Light DMC04721–EN	
		9794092	Keymat Cyrillic_Greek / Light DMC04842–EN	
		9794079	Keymat Hebrew / Light DMC04719–EN	
		9794066	Keymat Latin / Dark DMC04522–EN	
		9794062	Keymat Latin / Light DMC04442–EN	
		9794068	Keymat Stroke / Dark DMC04524–EN	
		9794067	Keymat Stroke / Light DMC04523–EN	
		9794076	Keymat Thai / Dark DMC04716–EN	
		9794073	Keymat Thai / Light DMC04715–EN	
I003	6	6150051	Screw M1.6X5.5 T6 17 Ncm torque	DMD07562
I004		0201817	UI Module LU9 APAC	
		0201868	UI Module LU9 EUROPE	
I005		5140067	Speaker + spring	
I006		0201815	LA5 Radio Module – Salo	
		0201886	LA5 Radio Module – TMC	
		0201887	LA5 Radio Module – BNMT	
I007		6800055	Vibra Motor assy	
I008		5140205	Microphone assy	
I009		5460049	System connector	
I010		9458255	B–cover assembly	
I011		9460377	SIM Card Cover (incl. in B–cover assy)	DMD06170
I012		0670246	Battery BLB–2 Li–ion	
I013		9458324	BATTERY COVER ASSY NPM–9 Dark Blue APAC	
		9458327	BATTERY COVER ASSY NPM–9 Greyish Green APAC	
		9458254	BATTERY COVER ASSY NPM–9 Beige EUROPE	

© Nokia Corporation